

Thursday, July 11, 2002

## Experiments under way on Space Station



▲ **ISS Update:** Recent activities for the Expedition Five crew, who were transported to the International Space Station on mission STS-111, included work with Space Station science experiments and equipment.

Commander Valery Korzun mounted a Russian geophysical experiment onto a window in the Zvezda Service Module. Flight Engineer Peggy Whitson performed the first checkout of the Microgravity Science Glovebox in the U.S. Destiny Laboratory Module. The crew members also began NASA's kidney stone risk evaluation for their stay aboard the Station.



### ▲ **Space Fireworks:**

NASA's Hubble Space Telescope captured in a recent photo (at left) the glowing gaseous streamers of red, white, and blue — as well as green and pink

— illuminating the heavens. The gaseous streamers were created by one of the biggest firecrackers seen to go off in our galaxy in recorded history, the titanic supernova explosion of a massive star. The light from the exploding star reached Earth 320 years ago, nearly a century before the United States celebrated its birth with a bang. The dead star's shredded remains are called Cassiopeia A, or "Cas A" for short. Read the full story and see the large image at [http://www.jpl.nasa.gov/releases/2002/release\\_2002\\_139.html](http://www.jpl.nasa.gov/releases/2002/release_2002_139.html).



## Hubble finds remnants of ancient firecracker

◆ **A KSC welcome to children of employees during Take Our Children To Work Day today.**

◆ **Reminder: The Blood Drive is July 15,** from 8 a.m.- 4 p.m. Many afternoon appointment times are still available, as well as a few morning ones. Anyone who hasn't reserved a time yet, and would like to be a donor, **please** e-mail [zgleman@cfbb.org](mailto:zgleman@cfbb.org) for an appointment ASAP. You are needed. Remember, too, donors receive 50 percent off coupon to Bush Gardens / Sea World plus a free appetizer coupon to Tony Roma's.

◆ **Did You Know?** All hand-carried packages such as briefcases, backpacks, lunch boxes, tool bags, etc., should have an ID tag or label. Unattended packages found without identification arouse concerns for explosive devices and may be confiscated or destroyed. **Free ID tags** are available to all personnel at the following locations: KSC Headquarters Building, VRC Badging Office, Room 1470; VAB F Gate Badging Station; PIDS 1, Phillips Parkway near the CCAFS South Gate; PIDS 3, NASA Causeway near Gate 3; SSPF main elevator lobbies. If you have any questions concerning the ID tag program, please contact the SGS Security Awareness Office at 861-5146, or e-mail [SecurityA@jbosc.ksc.nasa.gov](mailto:SecurityA@jbosc.ksc.nasa.gov).

**KSC Countdown is published every Tuesday & Thursday.**

**Deadlines: 10 a.m. the day before. Send information, comments or questions to:**

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**Find Countdown on the Web at <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2002.htm>**